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1763
Docket: AM-1622.D1

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Date: July 11, 2002

Ingrid C. Mallory

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hong SHIH et al.

Attorneys Docket: AM-1622.D1

Serial No.: 09/489,356

Art Unit No.: 1763

Filed: January 21, 2000

Examiner: R. Zervigon

For: "COATING BORON CARBIDE ON ALUMINUM"

Commissioner of Patents and Trademarks
Washington, DC 20231

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Sir:

In response to the Office Action of April 25, 2002, please amend the above application as follows:

Please replace the claims with:

1. (Already Amended) A method of coating boron carbide on an aluminum-based substrate, comprising the steps of:

roughening a surface of a substrate to a value of surface finish R_a of at least $2.5\mu\text{m}$, wherein said substrate is composed of an aluminum-based material selected from the group consisting of substantially pure aluminum and aluminum alloys including at least 90 wt% elemental aluminum;